

Lucio Flavio Vismari

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3880487/publications.pdf>

Version: 2024-02-01

14
papers

163
citations

1937685

4
h-index

2272923

4
g-index

14
all docs

14
docs citations

14
times ranked

129
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A New Interpretable Unsupervised Anomaly Detection Method Based on Residual Explanation. IEEE Access, 2022, 10, 1401-1409. | 4.2 | 10 |
| 2 | A Systematic Literature Review About the Impact of Artificial Intelligence on Autonomous Vehicle Safety. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 4928-4946. | 8.0 | 63 |
| 3 | Evaluating Unsupervised Anomaly Detection Models to Detect Faults in Heavy Haul Railway Operations. , 2019, , . | | 4 |
| 4 | The Role of Virtual Reality in Autonomous Vehiclesâ€™ Safety. , 2019, , . | | 19 |
| 5 | The Moral Machine: Is It Moral?. Lecture Notes in Computer Science, 2019, , 405-410. | 1.3 | 6 |
| 6 | A Fuzzy logic, risk-based autonomous vehicle control approach and its impacts on road transportation safety. , 2018, , . | | 1 |
| 7 | Assuring Fully Autonomous Vehicles Safety by Design: The Autonomous Vehicle Control (AVC) Module Strategy. , 2017, , . | | 28 |
| 8 | Using Data Integrity as an Improvement Characteristic to Assess the Safety of ADS-B-based Systems. , 2015, , . | | 1 |
| 9 | A Learning-Based Autonomous Control System Approach for Collision Avoidance within an Unmanned Aircraft. , 2015, , . | | 2 |
| 10 | A method to implement and to evaluate a learning-based Piloting Autonomous System for UAS. , 2014, , . | | 3 |
| 11 | Guidelines for the Integration of Autonomous UAS into the Global ATM. Journal of Intelligent and Robotic Systems: Theory and Applications, 2014, 74, 465-478. | 3.4 | 15 |
| 12 | Guidelines for integration of autonomous UAS in Global ATM. , 2013, , . | | 5 |
| 13 | A Case Study of Advanced Airborne Technology Impacting Air Traffic Management. , 2010, , 176-214. | | 1 |
| 14 | An Absolute-Relative Risk Assessment Methodology Approach to Current Safety Critical Systems and its Application to the ADS-B based Air Traffic Control System. , 2008, , . | | 5 |